



The XIX International  
Small Angle Scattering Conference

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TAIPEI, TAIWAN

PROPOSAL FOR HOSTING SAS 2024



proposed by  
National Synchrotron Radiation Research Center



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## I. INTRODUCTION MESSAGE

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# I. INTRODUCTION MESSAGE

On behalf of the National Synchrotron Radiation Research Center (NSRRC), it is our great pleasure to propose to host the XIX International Small Angle Scattering Conference in Taipei, Taiwan.

We all fully understand that the triennial SAS conference is one of the most important and the largest international meetings in the SAS community. In the past, it provided a great opportunity for us to share experiences in scientific and technical developments, and also we enjoyed friendship with colleagues around the world on this special occasion. Undoubtedly a successful SAS meeting will help enhance collaborations among participants from different research fields and countries. As a synchrotron facility with an outstation at the ANSTO neutron facility contributing to SAS, NSRRC will do our best effort to provide a professional and well-organized meeting to make the SAS 2024 a successful, remarkable and memorable event.

NSRRC, established since 1981, is devoted to operating two synchrotron light sources for cutting-edge fundamental and applied research. In 2014, we completed the construction and commissioning of a low-emittance 3 GeV synchrotron light source, the Taiwan Photon Source (TPS), which has received much attention; for instance, "SCIENCE", "NATURE PHOTONICS", "CERN COURIER", "PHYSICS WORLD", and "ASSOCIATION OF ASIA PACIFIC PHYSICAL SOCIETIES BULLETIN" reported the TPS or highlighted it on their covers. In addition, NSRRC has had organized various international scientific meetings such as InterMag 2011, ISRS 2013, AOFSSR 2014, VASSCAA-7, HAXPES 2015, IWXM 2018, CWRP 2018, SRI 2018, etc. We believe these meeting organization experiences make us a well-qualified candidate to be the host of the SAS 2024.

Taipei is definitely an amazing city, a vibrant and successful blend of traditional culture and modern cosmopolitan life. There are over 9 million foreign visitors annually, which makes Taipei an ideal candidate-city for the SAS 2024. The proposed conference venue is Taipei International Convention Center (TICC), located just next to the TAIPEI 101 building, the most conspicuous landmark in Taipei and one of the highest towers in the world. TICC is a convenient meeting venue: a world-class building surrounded by a complete commercial neighborhood, within walking distance to the metro station and very well connected to major tourist attractions as well as shopping and dining centers.

We would like to present the proposal and convince you of our strong intent to host the SAS 2024 and our confidence to make it more successful than ever. We hope you would find that the quality of our proposal is fully in line and at the level of the previous SAS conferences.

With open arms and warm regards, we look forward to welcoming all of the SAS 2024 attendees in Taipei for a very special and rewarding meeting!

Sincerely Yours,



Dr. Gwo-Huei Luo  
Director, National Synchrotron Radiation Research Center



## II. About NSRRC

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## II. About NSRRC

National Synchrotron Radiation Research Center (NSRRC), a government funded national facility, is located in Hsinchu Science Park, which is deemed as a successful repeat of Silicon Valley in Taiwan. Situated at the northwestern Taiwan, Hsinchu City is approximately 70 km south of the capital city, Taipei. The NSRRC site has an area of 14 hectares with several other research institutes nearby, including the National Tsing Hua University, the National Chiao Tung University, the National Center for High-performance Computing, Instrument Technology Research Center, and the Industrial Technology Research Institute.



NSRRC is currently operating two synchrotron light sources, Taiwan Light Source (TLS) and Taiwan Photon Sources (TPS). The first synchrotron accelerator, TLS, is the first third-generation 1.5 GeV synchrotron light source facility in Asia and the third globally. It has lit up Taiwanese academia for the last two decades. Its construction began in 1986, and the first electron beam was successfully stored in 1993. It was designed and constructed domestically and became operational in 1993. Although TLS is a low-energy machine of circumference 120 m, it runs in a top-up injection mode and has 9 insertion devices, turning the center into a world-class facility with state-of-the-art research capabilities in a wide spectral range from IR to X-ray regions. In 2004, the NSRRC was the second synchrotron facility in the world to employ a superconducting radio frequency (SRF) cavity. In 2005, the NSRRC became one of the four facilities around the world to achieve full top-up operation. Since the TLS was first made available to users twenty years ago, the numbers of beamlines has increased from three to twenty-four (not including two contract beamlines at SPring-8), and around fifty experimental stations of various types are currently in operation, including the **23A SAXS/WAXS beamline**.



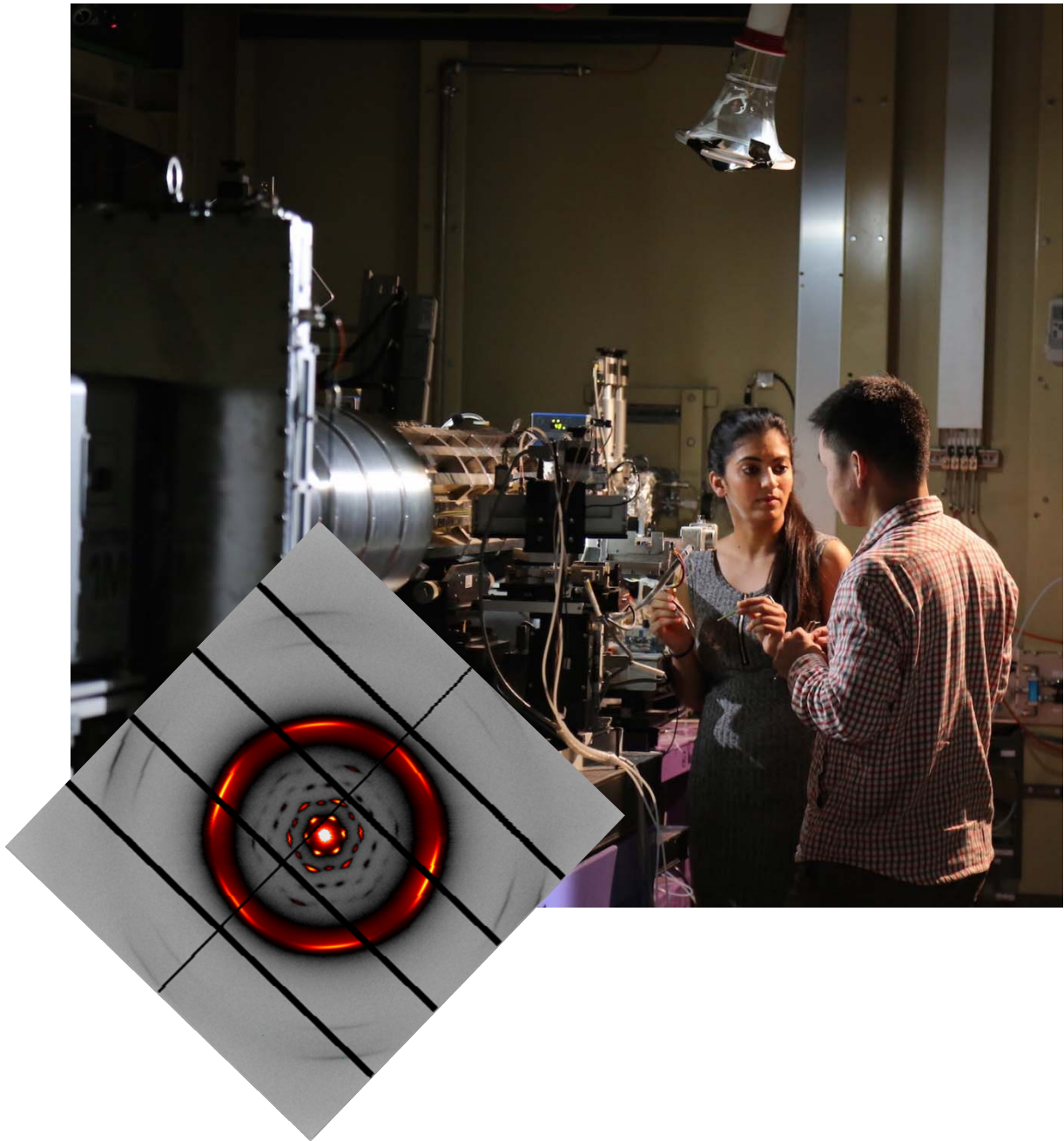


Beamlines Project at SPring-8 (Japan), proposing the construction of two hard X-ray beamlines, was launched in 1998, to enhance hard X-ray research. The success of this project and its contribution to hard X-ray in Taiwan surely inspired the birth of the TPS. The idea of building another synchrotron light source with higher electron energy was brought up by the Board in 2001. The proposal was officially approved in 2007, and the construction got underway in 2010. TPS, 518.4 meters in circumference, is equipped with a low-emittance synchrotron storage ring, a 150 MeV linear accelerator, and a 3-GeV booster synchrotron. The photon brightness is three orders of magnitude higher than that of the TLS in the X-ray region. The phase-I operation of TPS will use two sets of KEK-B type superconducting RF cavities to achieve an electron current of 500 mA in a top-up injection mode. Fully taking advantage of high brilliance of its source, currently the TPS phase-I beamlines are ready to users. There will be three beamlines provides SAXS activities, including **25A Coherent X-ray Scattering (CXs) in 2016, 13A Biological SAXS beamline in 2020, and 14A high-flux SAXS/WAXS beamline in 2024**. As one of the brightest synchrotron light sources in the world, the TPS will be an advanced large-scale multi-discipline X-ray facility for domestic and international users. TPS will also open up synchrotron radiation research in Taiwan to more diverse fields especially in biomedicine and nanoscience technologies.

## NSRRC NEUTRON PROGRAM

Currently NSRRC is in charge of a national neutron program, including cultivating neutron users (including SANS users), developing neutron science in Taiwan, and operating SIKA, a cold neutron triple-axis spectrometer and **co-operating SANS beamlines**, at Australian Nuclear Science and Technology Organisation (ANSTO).

NSRRC attracts users from academic and technological communities worldwide. Each year, more than ten thousand visits of scientists and students in various scientific fields to perform experiments using TLS and two Taiwan beamlines at SPring-8. These endeavors aim to explore the vast universe, scrutinize the complicated structures of life, discover novel nanomaterials, create a sustainable environment of green energy, unveil living things in distant past, and deliver better and richer material and spiritual lives to mankind.





### III. About Taipei

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### III. About Taipei



#### 1. Why Taipei?

Taiwan boasts strong R&D capability, manufacturing and application know-how, and a fully integrated supply chain. Taiwan also offers professionals with technological advantages and sufficient human resources with solid academic training to build up global brands.



Taipei, proposed to be the city where the SAS 2024 will take place, is based on the following strong points:

- ✓ Taipei is the home of experienced PCO's in regularly hosting international events with over thousand foreign delegates providing a proven conference expertise that will be used for the SAS 2024 organization.
- ✓ Taipei is an international city with very convenient transportation systems, that makes easy for delegates to travel through the city.
- ✓ For accompanying delegates, Taipei offers breathtaking natural touristic sites, regular cultural festivals, a world renowned cuisine and restaurants available late into the night, open-air night markets, the biggest museum showcasing Chinese works of art, and more than 11,000 local temples open to visitors to experience firsthand Asian culture.
- ✓ **Very high safety and security levels in the street** at the same level as Tokyo in Japan.
- ✓ Taipei is ranked 20<sup>th</sup> in the world and 5<sup>th</sup> among Asian cities by number of meeting organized in 2014, according to annual statistics released by the International Congress and Convention Association (ICCA).





## 2. Fact Sheet

### GEOGRAPHY

- Centrally located and only a short flight away to most major cities in Asia.

### CLIMATE

- Mean monthly temperatures from 24°C to 32°C (75°F- 90°F) in Fall.
- Weather in late fall is relatively stable and it makes Taiwan extremely suitable for traveling from Oct to November.

### ECONOMY

- A nominal GDP per capita of nearly USD 22,598, the 35<sup>th</sup>-highest among the 184 ranked economies in the IMF database.
- The world's 18<sup>th</sup> largest merchandise importer and 20<sup>th</sup> largest merchandise exporter ranked by WTO according to the statistic released in 2014.

### TELECOMMUNICATIONS

- Over 100% of the mobile penetration rate.
- Ranked 18<sup>th</sup> for "Networked Readiness Index" out of 143 countries in the World Economic Forum's Global Competitiveness Report 2015.

### CULTURE & RELIGION

- One of the most religiously plural and highly tolerant societies in the world.
- 3 major religious: Buddhism, Taoism and Confucianism. Other religious practices include Christianity, Mormonism, the Unification Church, Islam, and Hinduism, as well as native sects such as Yiguandao.
- Wealth of indigenous and folk art: Traditional Crafts, Temple Arts, Taiwanese Opera.

### PEOPLE AND LANGUAGE

- Population: 23.4 million.
- Changing population trends.
- A multilingual land (major languages: Standard Mandarin Chinese, Taiwanese Hokkien, Hakka, English and Japanese).



### 3. Travel to Taiwan

#### FLIGHT

Taiwan is centrally located and only a short flight away to most major cities in Asia. Taiwan's geographical location, coupled with a great trading environment, relaxed travel regulations as well as years of experience working with European and American countries has effectively been bridging the West with Asia. This makes Taiwan the obvious and most convenient gateway to the rest of Asia.

International flights are well developed and there are three major international airports, Taoyuan International Airport (TPE), Taipei Songshan Airport (TSA) and Kaohsiung International Airport (KHH). The average flight time to major cities in the Asia-Pacific region is only **two-and-a-half hours** away. A direct flight from the West Coast of the U.S. to Taipei takes only 12 hours, and flights are daily.

#### ***Taoyuan International Airport (40 minutes from Taipei)***

Taoyuan International Airport is Taipei's main international airport with 2 terminals and the home base of 2 international carriers (China Airlines and Eva Air). Located 40 km to the southwest of Taipei, it has good connections to major Asian cities, North America, and Europe. The airport has direct buses to major cities in Taiwan. Alternatively, the U-Bus company operates shuttles to High Speed Rail (HSR) Taoyuan station for high-speed transportation connections to Hsinchu, Taichung, Chiayi, Tainan, and Kaohsiung; and various coach lines connect to Jhongli Transit Station, for mainline Railways Administration train and buses to different regions. **Moreover, with the grand opening of Taoyuan MRT airport line in 2015, travelling from Airport to Taipei will just be within 35 minutes.**



#### ***Songshan Airport (inside Taipei city, Asia regional flights)***

Songshan Airport in downtown Taipei serves mostly domestic flights while limited daily charter flights to Mainland China, Japan, and South Korea are also available. In addition, it can be easily reached by metro.

#### VISA

##### ***Countries Eligible for Visa-exempt Entry***

The nationals of the following countries are eligible for the visa exemption program, which permits a duration of stay up to 90 days: Andorra, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Republic of Korea, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Monaco, the Netherlands, New Zealand, Norway, Poland, Portugal, Romania, San Marino, Slovakia, Slovenia, Spain, Sweden, Switzerland, U.K., U.S.A. and Vatican City State. The nationals of the following countries are eligible for the visa exemption program, which permits a duration of stay up to 30 days: Australia, Malaysia, Singapore, Thailand, and Brunei.

##### ***Countries Eligible for Landing Visas***

1. Holders of Turkish passport with validity of more than six months.
2. Holders of Macedonian passport with validity of more than six months.
3. Holders of emergency or temporary passports with validity of more than six months for nationals of those countries (except for U.S.A.) eligible for visa-exempt entry.

## LOCAL TRANSPORTATION

### *Taxi*

There are now more than 30,000 taxis in Taipei working 24 hours a day. Waiting time in the street for a taxi is less than 1 minute. Taxis are the most flexible way to get around in Taipei all day long and are cheaper than the rate in most of the world. Taxis are all metered inside Taipei. The fare between Taipei and Taoyuan International Airport is around USD 35 ~ 40. No tipping is necessary.



### *Taipei Metro*

The Taipei Metro, more commonly known as the MRT, serves metropolitan Taipei. The system is built and operated by the Taipei Rapid Transit Corporation (TRTC) and consists of 107 stations and 129.2 km of revenue track nowadays. Moreover, the rapid development of Taipei Metro allows SAS Conference delegates are able to surf Taipei City conveniently; travelling from Airport to Taipei City is just within half an hour.



### *High Speed Rail*

The Taiwan High Speed Rail (THSR), equivalent to SNCF Europe and JR Shinkansen, runs daily between 06:30 to 24:00. THSR links the north and south parts of Taiwan at a total length of 345 km within 90 minutes of travel time, which normally takes over 4 hours for the same journey by conventional rail. The ticket price is reasonable, more expensive than that of regular trains (Taipei – Kaohsiung, 345 km, USD 50) but cheaper than airfare. It is a fast and convenient way of the trans-island travel.



### *Rail*

Taiwan Railways Administration (TRA) operates trains on two main lines – Western and Eastern daily from 06:00 to 24:00. Due to the growth in highway systems and increased competition from bus companies and airlines in recent years, TRA has changed to place an emphasis on short-distance commuter service and tourism. Additional dining cars are added to trains which run on remodeled scenic routes. More and more people travel by train in Taiwan these days.





## 4. Taipei – Where the Conference Takes Place

From the world's famous skyscraper to the biggest collection of Chinese art, Taipei, the capital of Taiwan, invites you into a world of fascinating contrasts – a mix of the modern and traditional with a generous dash of energy and friendly smiles to make this one of your most memorable trips to Asia. The cultural kaleidoscope of Taiwan's capital city pulses wherever you go. Incense-veiled temples dating back to dynastic times blend seamlessly with a vibrant street life of a decidedly more modern era. Taipei has dozens of world-class restaurants where gourmets can sample the best regional Chinese cuisine; for the gourmand, there are plenty of night markets serving up scrumptious evening snacks in an environment of chaotic excitement and fun. Starting from 2011, Taipei offers free Wi-Fi within the city and you can browse the internet anytime anywhere in Taipei!



The polarities of Taipei are vividly present as well between naturalness and urbanity. Just a few minutes from the heart of the city you can soak away the cares of the world in mineral-rich hot springs nestled in the lush mountain foothills ringing the Taipei Basin. And throughout the city there are plenty of trails, parks and other oases of tranquility to lift and invigorate your spirits.

Whether you're just stopping over here en route to another Asian destination, or planning a longer stay, Taipei is a many-faceted treasure that will call you back again and again.

Discover the heart of Asia in beautiful Taipei!

### SAFE CITY

Taipei City was ranked the 13<sup>th</sup> best city worldwide for personal safety and security worldwide 2015.

### 26 REMARKABLE PLACES FOR SOLO TRAVEL

Taipei was ranked first in BuzzFeed's "26 Remarkable Places for Solo Travel," topping San Francisco, Amsterdam, Bangkok and other cities popular with tourists on earth. The report included fair price, good accessibility, good public safety, and friendly people among Taipei's advantages and suggested a night market visit as the top thing to do while in the city.

### THE CITY THAT NEVER SLEEPS- 24 HOUR AMENITIES

In Taipei, streets are stacked with 24-hour retail outlets: convenient stores, ATMs, Internet cafes, food stands and restaurants, discount stores, book stores, bars and night clubs. This is the benefit of being in Taipei-satisfaction anytime. If you are suffering from jetlag when you arrive here, come out and experience on first-hand the vitality and exuberance of the locals at all hours of the day and night.



### CULINARY DELIGHTS

Food is the best representative of this cultural mixing and matching. There is a restaurant or food stand in every block serving the high dense population. As the island's economy has developed rapidly in recent years, its culinary culture has expanded beyond the traditional Chinese food, thus bringing greater complexity than ever.

Different ethnic food from all over the world has also made their appearance in Taiwan, and the island is now filled with eateries serving American hamburgers, Italian pizza, Japanese sashimi, German pig's knuckles, Swiss fondue, and just about everything else. All of international cuisine makes Taiwan a veritable paradise for gourmards, and Taiwan's own native dishes have also become known around the world. Prepare your taste buds for a bombardment of treats as you will not be disappointed with the array of food on offer here.

## SIGHTSEEING

Taipei lies on the western edge of the Pacific "rim of fire," and continuous tectonic movements have created majestic peaks, rolling hills and plains, basins, coastlines, and other wonders. Taipei's tropical, sub-tropical, and temperate climates provide clear differentiation between seasons. There are about 18,400 species of wildlife on the island, with more than 20% categorized as rare or endangered species. Because of its unique historical and geographical background, Taipei has a rich and versatile culture composed of elements taken from many different ethnic groups. Consequently, customs and traditions that make up Taipei's culture are extremely vivid and cross-cultural, along with many cultural remnants like traditional architecture, relics of past civilizations, folk art and traditions left by the previous inhabitants

## MAJOR EVENTS

### **21<sup>st</sup> Summer Deaflympics (Deaf Olympics) in Taipei 2009**

Taipei again came under the international spotlight in the sports arena when Taipei City hosted the 21<sup>st</sup> Summer Deaflympics from September 5 to 15, 2009. Nearly 2,700 athletes from 80 nations competed in 178 events across 20 sports categories.



### **2010-2011 Taipei International Flora Exposition**

The "2010 Taipei International Flora Exposition" was the first international certified standard exposition that Taipei has ever held and we made it with pride. In November 2006, the Taipei authority was granted the rights and permission to conduct an International Flora Exposition in Taipei. The event ran over the course of six months, covering 91.8 hectares. The area featured Blue Highway, 14 themed pavilions, and had over 7,000 art performances scheduled. Attracting nearly 9 million visitors, the 2010 Taipei International Flora



Expo has broken many records and received high recognition from the International Association of Horticultural Producers (AIPH). Acknowledging the popularity of this showcase, Discovery Channel presented a Flora Expo program in September 2011 as part of the "Focus Taiwan" series.

### **2017 Summer Universiade**

With the support from the International University Sports Federation, Taipei recently hosted 2017 Summer Universiade. First held in the Italian city of Turin in 1959, the Universiade is an international sporting event for university students. It takes place every two years and boasts 12,000 plus athletes from more than 160 nations.

It is no secret that the successful staging of a world-class sporting event enhances a city's international image and standing in the global community. And at a time when Taipei is seeking to expand its international participation, the authority understands that mega events are an effective way of attaining this goal. Just like an old saying says in the Deaflympics: "If we can't reach out to the world, then let's bring the world to us."







## IV. Conference Information

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## IV. Conference Information

### 1. Proposed Dates

October 17-22, 2024

Annual average temperature in October: 24.5°C / 76.1°F

### 2. The Local Organizer

National Synchrotron Radiation Research Center (NSRRC)

#### PROPOSED CONFERENCE CHAIR

Gwo-Huei Luo, Director of NSRRC

#### PROPOSED CONFERENCE CHAIR

To be determined.

#### LOCAL ORGANIZING COMMITTEE

U-Ser Jeng (NSRRC), contact

Yu-Shan Huang (NSRRC)

Chun-Jen Su (NSRRC)

Yi-Qi Yeh (NSRRC)

Wei-Tsung Chuang (NSRRC)

Orion Shih (NSRRC)

Shang-Te Hsu (AS)

Meng-Chiao Ho (AS)

Kung-Hwa Wei (NCTU)

Rong-Ming Ho (NTHU)

Hsin-Lung Chen (NTHU)

An-Chung Su (NTHU)

Tsang-Lang Lin (NTHU)

Ya-Sen Sun (NCU)

Yeo-Wan Chiang (NSYSU)

Cheng-Si Tsao (INER)

Hsiao-Ching Yang (FJCU)

Hsi-Mei Lai (NTU)

Wei-Fang Su (NTU)

Shih-Huang Tung (NTU)

Shu-Ying Wang (NCKU)

Chi Wang (NCKU)

Jrjeng Ruan (NCKU)

Chieh-Tsung Lo (NCKU)

### 3. Scientific Programs

Proposed sessions:

- Colloids and Complex Fluids
- Polymers and composites
- Functional thin films
- Hierarchical Materials
- Hybrid and Biomaterials
- Magnetism and Material Science
- Energy Materials
- Nanoparticles
- Structural Biology
- Interfaces and Surfaces
- Kinetics and dynamics
- Instruments and Techniques
- Dimensional Metrology by SAS
- Data Analysis, Data Formats, SAS Standards, and Software

### 4. Special Sessions

Special interest group meetings will be arranged

### 5. Support

Young scientists and attendees from developing countries will receive reduction in registration fee.

## 6. Venue

### TAIPEI INTERNATIONAL CONVENTION CENTER

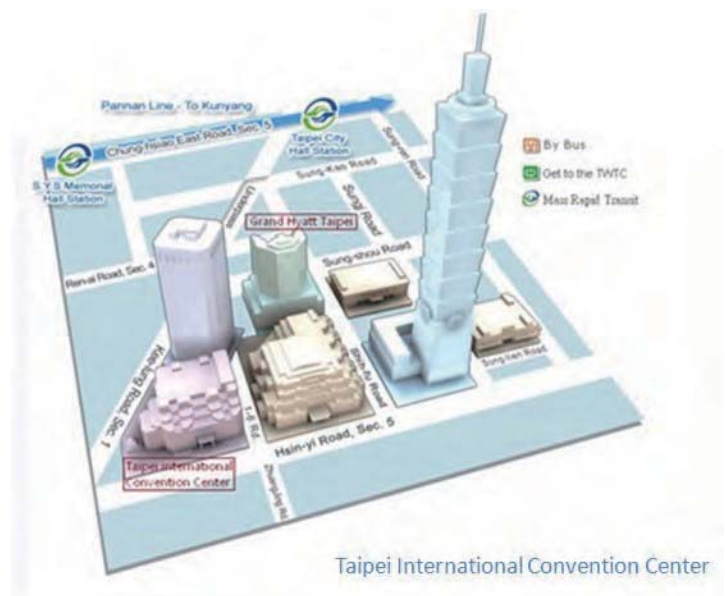
The Taipei International Convention Center (TICC), opened since 1990, is a spectacular tribute to the emergence of Taipei as a world-class business destination. Purpose-built to meet all the requirements of international conference organizers with state-of-the-art facilities and an uncompromisingly high standard of service, it has everything needed to make a success of any conference events.

The TICC has been designed to maximize functionality and flexibility, making it the ideal setting for all kinds of events. With over 60,000 square meters of indoor space that can be adapted into a variety of spatial configurations, it can accommodate events of almost any size.

From an international conference with multiple simultaneous translation requirements, to an annual meeting or the launch of a new promotional campaign; from gala balls to buffets and business conference, whatever the requirement-and no matter how unconventional the meeting-the TICC has the facilities, technical services and operational support for a winning performance every time.



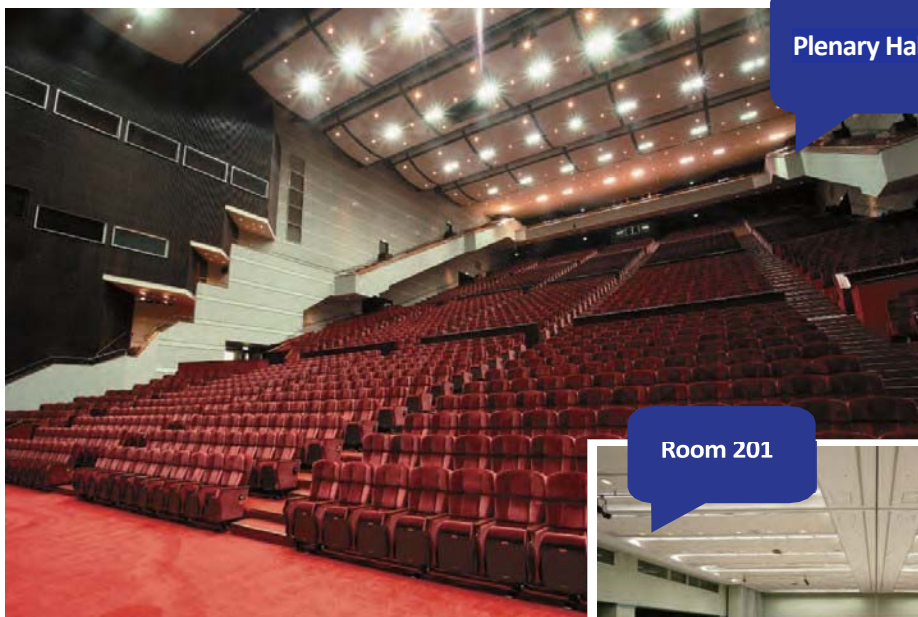
Exclude World Trade Center, Taipei International Convention Center (TICC) is able to cater to over 3,500 attendees.



### FACILITIES

TICC is Taipei's most versatile international conference venue ideal for congresses, meetings, exhibitions, banquets, product launches, corporate annual dinners, etc. TICC's centre-piece is its various meeting rooms of different sizes equipped with the most advanced AV facilities, from lighting, air conditioner, interior decoration, to audio & video equipment, internet access and linkage and simultaneous interpretation.





Plenary Hall



Room 201



Room 102  
(fan-shape)



South  
Lounge



Room 401



Cozy Corner

## 7. Program Overview

	Day 1	Day 2	Day 3	Day 4	Day 5
AM	Registration	Plenary	Plenary	Plenary	Plenary
		Parallel Sessions	Parallel Sessions	Parallel Sessions	Parallel Sessions
	Reception	Lunch and Exhibition			
PM	Opening	Parallel Sessions	Parallel Sessions	TPS or Palace Museum Tour	Parallel Sessions
	Keynote				
	Plenary	Poster and Exhibition			Special Lecture
					Closing
					Banquet

### TPS TOUR OR CITY TOUR

Participants can choose to join either TPS Tour or City Tour on the afternoon of the 4<sup>th</sup> day. It is covered by the registration fee. Buses will leave at noon. All guests who join either tour will be taken to the banquet directly after the tour.

- TPS Tour: TPS visit is approximately 3 hours, plus 3 hours of bus rides.
- City Tour: A tour to Taipei Palace Museum will be arranged.

## 8. Awards

NSRRC proposes to provide the following awards to the highest rated abstracts submitted by regular submission deadline:

- Young Scientist Awards
- Student Poster Awards
- Student Travel Support

## 9. Social Programs

Social Programs are designed to provide a chance for participants to gather and relax after a long day at the convention. All delegates will enjoy the delicious cuisine and fascinating performance and take pleasure in the warm hospitality by the host.

### WELCOME RECEPTION

The Taipei City Government offers a small grant for an international conference being held in Taipei; which will be adequate to hire a live performance group during the Welcome Reception. It will begin with a cocktail reception, welcome remarks by the host, and live performance. Delegates can gather at the reception area to enjoy the standing buffet, cocktails and conversation with old friends and new colleagues.

### CONFERENCE BANQUET

We currently plan to hold the banquet in the Grand Hotel Taipei, which has been a landmark of the city for decades. The Grand Hotel, structured through western construction methods, is decorated with elegant classical Chinese details. The hotel offers a birds-eye-view of bustling Taipei in the day and a serene city in the night. Many foreign dignitaries and officials have stayed here during their visit in Taiwan.



## 10. Accommodation Options in Taipei

Taipei features a wide range of accommodations options ranging from budget hotels to 5-star hotels. To accommodate the needs of the SAS 2024, an extensive selection of hotels will be in service at privileged rates for the SAS participants.

#	Hotel	★	Price	Distance to Venue
1	Grand Hyatt, Taipei	5	~US\$ 350	5 mins by foot
2	AT Boutique	3	~US\$ 160	5 mins by foot
3	W Hotel	5	~US\$ 330	10 mins by foot
4	Le Meridien Taipei	5	~US\$ 340	10 mins by foot
5	K Hotel Dunnan	3	~US\$ 100	10 mins by MRT
6	Brother Hotel	4	~US\$ 170	15 mins by Taxi
7	Cosmos Hotel Taipei	4	~US\$ 130	15 mins by MRT
8	Orange Hotel- Linsen	3	~US\$ 100	15 mins by MRT
9	The Westin Taipei	5	~US\$ 290	20 mins by MRT
10	Evergreen International Hotel	5	~US\$ 170	20 mins by MRT
11	CU Hotel Taipei	3	~US\$ 100	20 mins by MRT
12	Shangri-La's Far Eastern Plaza Hotel	5	~US\$ 290	25 mins by MRT
13	United Hotel	4	~US\$ 250	25 mins by MRT
14	Taipei Fullerton Hotel East	4	~US\$ 140	25 mins by MRT
15	Howard Civil Service International House Taipei	3	~US\$ 80	30 mins by MRT

## 11. Transportation and Excursion Options

### TRANSPORTATION

The airport pick-up and drop-off transportation can be arranged in advance while public transportation is efficient and convenient too; many tourist attractions are also within walking distances. Exploring Taipei by foot is the best way to discover new places and things you might not find if you stick to your guidebook or always ride taxis.

### POST CONFERENCE PROGRAMS (OPTIONAL TOURS)

During the meeting, travel agency will be available by the registration counter to offer on-site registration for tours.



#### *[Option 1] Pottery DIY Workshop-Yingko, Pottery's Heaven*

A short trip to the lush countryside southwest of Taipei brings you to Yingko where hand-painted replicas of elegant Ming (1368-1644) and Qing (1644-1911) vases are produced. The small town is Taiwan's pottery center and its narrow streets are lined with shops selling everything from earthenware tea sets to delicate statues.

#### *[Option 2] Glass DIY Workshop- Tittot Glass Art Museum*

This museum is dedicated to education and the sharing of knowledge, and embraces old and new, East and West. Its ultimate goal is to make glass art a popular national movement. The museum's displays and activities include exhibitions of Western and Oriental glass history, glass production techniques, the works of contemporary international glass artists, and various classes and lectures.





### **[Option 3] Foot Massage**

Therapeutic massage has a long history in Chinese society, with the techniques having passed unchanged down the centuries. Nowadays there are many different kinds of massage practiced in Taiwan, and foot massage is the most interesting one among all. The theory is simple but the practice is far more complex and mysterious. A relaxing foot massage will surely delight your tour in Taiwan.

### **[Option 4] Hot Spring SPA**

Beitou hot spring spreads the sulfur mist all year round. The place is bestowed with abundant hot spring resources. There are many selections no matter the public pools, the individual pools or spa in hotels. Hot spring outlets here are mostly sulfur springs. There are white sulfur, green sulfur and iron sulfur springs. The temperatures of the springs are in the range of 55 to 58 Celsius. They are very effective in healing dermatosis and arthritis.



## **ONE-DAY TOUR INFORMATION**

The following are some of the most popular sites for tourists:

### ***Taipei Palace Museum***

The Taipei Palace Museum is an art museum in Taipei, and has a permanent collection of over 677,687 pieces of ancient Chinese artifacts and artworks, making it one of the largest in the world. The collection encompasses over 8,000 years of Chinese history from the Neolithic age to the late Qing Dynasty. Most of the collections are high quality pieces collected by Mainland China's ancient emperors. The Taipei Palace Museum main artifacts categories are including Bronze, Painting, Jades, Ceramics, Calligraphy, ancient books, Documents, Curios and Pottery.



Due to the insufficient space to put on display over 677,687 artifacts, the museum was renovated in 1967, 1970, and 1996. In 2001, the museum underwent a major TWD 21-million-dollar renovation revamping the museum to make it more spacious and modern. It was accelerated in 2002, during which about two-thirds of the museum section was closed. The museum reopened on Christmas Day in 2006. The displays are rotated once every three months, which means 60,000 pieces can be viewed in a year and it would take nearly 12 years to see them all.

The museum houses several treasured items that are the pride of their collection and famous worldwide. They include:

- Jadeite Cabbage
- Meat-shaped Stone
- Carved Olive-stone Boat One Hundred
- Horses Jiu Manzhou Dang
- "Palace version" of the along the River during the Qingming Festival



### ***Lungshan Temple***

Lungshan Temple is a famous old temple which was built during the Qing Dynasty in Taipei. Its architecture is a three-section design in shape filled with exquisite wood sculptures. Lungshan Temple is also a second-degree historical site. There are traditional shops, including antique shops, Buddhists article shops, and Chinese medicine shops, in the streets surrounding the temple. These places are a hidden gem for visitors due to their richness in folk art.

### ***Ximending***

Ximending is a name that the district has carried since the Japanese Occupation Period. Today, Ximending is an important commercial and recreational center. It is not only a standing hallmark of history, but also a trendsetter of a new cultural generation, where one can find businesses catering to people of all different ages, lifestyles, and tastes.



### ***Guanghua Market***

Guanghua Market opened in 1973. It was originally occupied by used book shops. Business at the market took a while to pick up due to the limited choice of items on sale. This began to change with the arrival of antique, jade, and electronic supply shops in 1979; and in the 1990s the market consolidated its reputation as the go-to place in Taipei for computer equipment and other electronic gadgets. On January 18, 2006, Guanghua Market was relocated to a new facility. In addition to computers and other electronic peripherals, the new market sells branded sportswear and athletic gear, DVDs and CDs, posters, PC and console games, books, stereo equipment, mobile phones, and more. The market is known for its wide variety, low prices and convenient comparison shopping, making it a magnet for budget-minded student shoppers.

### ***Yangmingshan National Park***

Yangmingshan National Park is renowned for its wealth of unusual volcanic features and topography. The Park is located in the subtropical zone, but its vegetation differs from other areas at similar latitudes because of post-volcanic activity and the winter northeasterly monsoon. Also, the park's complex forest physiognomy provides ideal nesting and feeding places for many medium and small wild animals. Being so accessible and close to Taipei City, the park attracts a very large number of visitors every year.

## **TOURS BEFORE OR AFTER THE CONFERENCE**

### ***Alishan***

The Alishan Conservational Scenic Area is a mountain resort and natural preserve located in the mountains of Chiayi County. It is 415 km<sup>2</sup> in area. It includes, among other things, mountain wilderness, four villages, waterfalls, high altitude tea plantations, the Alishan Forest Railway and several hiking trails. The area is popular among tourists and mountain hikers, and Alishan or Mount Ali itself has become one of the major landmarks. Alishan is



well known for its sunrises, and on a suitable morning one can observe the sun come up on a sea of clouds in the area between Alishan and Yüshan.



### *Taroko National Park*

Taroko National Park situated in the eastern part of the Taiwan features high mountains and sheer gorges. Many of its peaks tower above 3,000 meters in elevation, with many natural wonders. The spectacular Taroko Gorge and the scenic beauty of Liwu River can be conveniently viewed from the Central Cross-Island Highway. The varied mountain peaks, numerous waterfalls, diverse plant forms and animal life, together with the indigenous Taroko people, create the rich texture of this unique natural ecosystem.

Three main river systems, namely, the Hualien River, the Siouguluan River, and the Beinan River, originate high in the mountains at an elevation of 2,000 to 3,000 meters and have unique natural landscapes and caused the formation of a variety of geological landforms, such as canyons, waterfalls, hot springs, meanders, river terraces, alluvial plains, faults, and badlands.



### *Sun Moon Lake*

Sun Moon Lake is located in Yuchi Township of Nantou County. It has a total area of 7.73 square kilometers, making it the largest lake found in Taiwan. The sun shape of the northern half and the crescent moon shape of the southern half of the lake earned the lake its name. Sun Moon Lake is a vast expanse of crystal dark green water lying in the embrace of towering mountains. The resplendent mountain and water scenery provide a beautiful backdrop for nature lovers. At dawn, a thin shroud of mist adds a mysterious, veiled beauty to Sun Moon Lake. The lake waters reflect the rays of the rising sun peeking out of the mountain crest and piercing through the misty shroud over the lake, throwing back a mirror image of the shapes and line of trees surrounding the lake. Chirping birds and sounds of waking life cheerfully herald the coming of day and create a refreshing morning melody. Sunset bathes the lake water with glistening golden light, turning the lake into an enchanting mythical place. In the evening, the dark lake water reflects the sparkling lights, creating a surface of twinkling stars dancing to the caressing evening breeze. What soul could escape the beguiling call of such a romantic ambience!



## V. Finance

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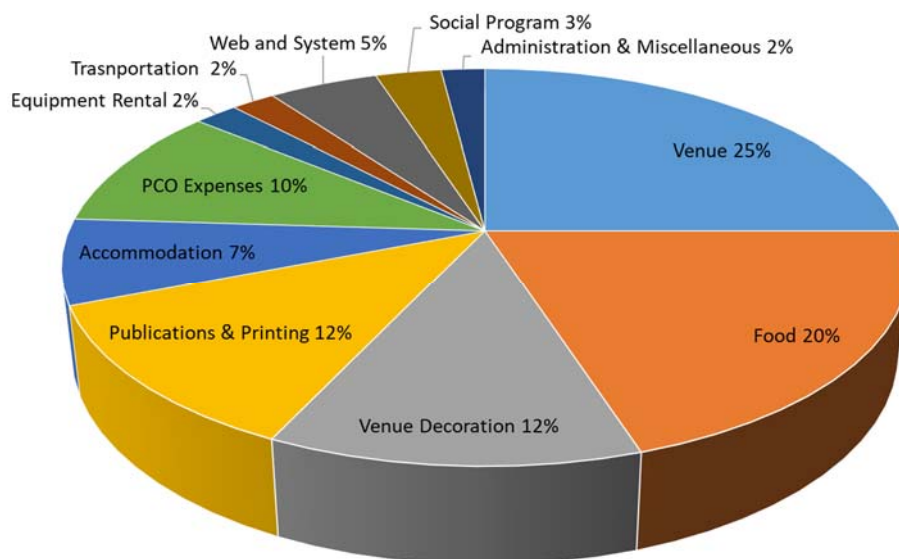
## V. Finance

The balance of the SAS 2024 will be borne by the NSRRC, for which will make its best endeavor to procure financial supports.

### 1. Budget Outline

The budget outline was estimated under the scenario of **500 participants**.

**ESTIMATED COSTS: USD 350,000**

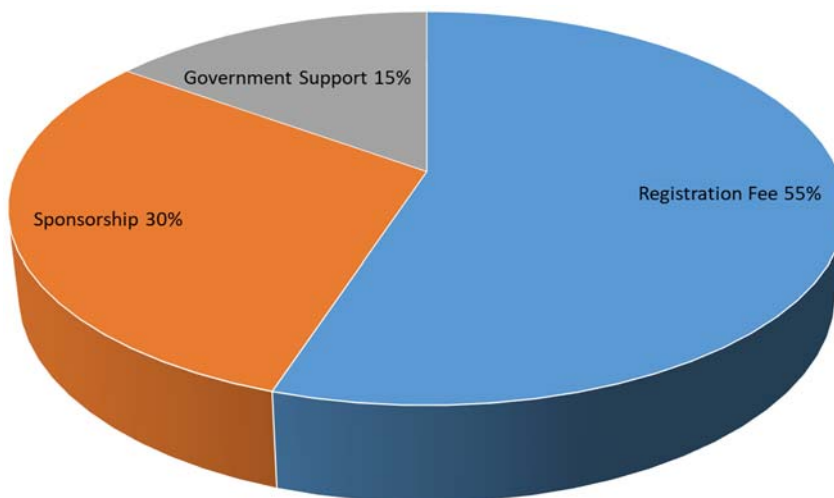


### 2. Income Outline

#### REGISTRATION FEES

Participant Type	Early Bird	Regular
Regular	USD 580	USD 680
Postdoctoral	USD 460	USD 560
Student	USD 380	USD 480
Accompanying Person	USD 100	USD 100

**PROJECTED INCOME: USD 350,000**



### 3. Target Sponsors





## VI. Conclusion

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## VI. Conclusion

National Synchrotron Radiation Research Center is confident to host the 2024 International Small Angle Scattering Conference, not only because we are experienced in hosting international scientific events, but also Taiwan is a wonderful place where deserves a visit in a lifetime. We are ready to provide a superior organizing group, a comfortable and convenient meeting venue and facilities, the highest level of logistic arrangement and an elite scientific program during the SAS 2024. With those core elements, we are dedicated to make the SAS 2024 a memorable, remarkable, and successful event.

### Why NSRRC Hosts the SAS 2024 in Taipei?

- NSRRC has more than 30 years of experience in synchrotron instrumentation and related photon science research, and has been contributing to SAXS since 2004.
- NSRRC just completed the Taiwan Photon Source (TPS), one of the brightest synchrotron light sources in the world. NSRRC will contribute three advanced TPS beamlines for SAXS by 2024, and facilitate SANS at ANSTO.
- NSRRC has experienced staff in organizing the 2018 International Conference on Synchrotron Radiation Instrumentation (SRI 2018) in Taipei for more than 850 attendees.
- Local and central governments greatly invite and support international conferences being held in Taiwan.
- The proposed conference venue, the Taipei International Convention Center, has state-of-the-art facilities and convenient location to dining and shopping areas.
- Taipei, a city blanketed with free Wi-Fi, is one of the safest cities in the world.
- It costs reasonably to attend the SAS 2024 in Taipei.
- Safe and relaxing atmosphere, friendly people, traditional cuisine, local delicacy, and diversified tea drinks, featured geological island scenery, convenient transportation networks in the city all weave into an ideal conference environment of intimacy and friendships.

Most importantly,





# Appendix

## List of the local committee of the SAS 2024

Name / Position	Affiliation / Research Field
<b>Proposed Conference Chair &amp; Co-chairs</b>	
Gwo-Huei Luo 羅國輝 Director (Conference Chair)	National Synchrotron Radiation Research Center (NSRRC)
TWNSS Chair (Conference Co-Chair)	Taiwan Neutron Science Society (TWNSS)
Ming-Daw Tsai 蔡明道 Academician, Distinguished Prof. (Honorary Chair)	Institute of Biological Chemistry, Academia Sinica (AS) Biophysics, protein sciences. Email: mdtai@gate.sinica.edu.tw
<b>Local Organizing Committee</b>	
U-Ser Jeng 鄭有舜 Professor (Conference Secretary)	Utilization Division, NSRRC BioSAXS, polymers/SAXS instrumentation Email: usjeng@nsrrc.org.tw
Yu-Shan Huang 黃玉山 Scientist	Utilization Division, NSRRC XPCS/SAXS/coherent scattering and imaging/ instrumentation Email: jade@nsrrc.org.tw
Wei-Tsung Chuang 莊偉綜 Scientist	Research Division, NSRRC Polymer and composite; bio-mimic materials Email: weitsung@nsrrc.org.tw
Qi-Yi Yeh 葉奕琪 Scientist	Utilization Division, NSRRC BioSAXS, polymers/SAXS instrumentation Email: yeh.yq@nsrrc.org.tw
Chun-Jen Su 蘇群仁 Scientist	Utilization Division, NSRRC SAXS-WAXS, GISAXS/GIWAXS, polymers/SAXS, Lipids/polymer instrumentation Email: su.cj@nsrrc.org.tw
Orion Shih 施怡之 Scientist	Utilization Division, NSRRC BioSAXS, MD, X-ray absorption/SAXS instrumentation Email: shih.orion@gmail.com
Ya-Sen Sun 孫亞賢 Professor	Dept. of Chemical and Materials Engineering, National Central Univ. (NCU) polymer/ nanoparticles Email: yssun@ncu.edu.tw
Shang-Te Hsu 徐尚德 Professor	Institute of Biological Chemistry, Academia Sinica (AS) BioSAXS, protein folding-unfolding Email: sthsu@gate.sinica.edu.tw
Meng-Chiao Ho 何孟樵 Professor	Institute of Biological Chemistry, AS BioSAXS, protein structures Email: joeho@gate.sinica.edu.tw
Kung-Hua Wei 韋光華 Distinguished Professor	Dept. of Materials Science and Engineering, National Chiao Tung Univ. (NCTU) Polymer solar cells, thin films Email: khwei@mail.nctu.edu.tw
Rong-Ming Ho 何榮銘 Distinguished Professor	Dept. of Chemical Engineering, National Tsing Hua Univ. (NTHU) Polymer and composites Email: rmho@mx.nthu.edu.tw
Hsin-Lung Chen 陳信龍 Distinguished Professor	Dept. of Chemical Engineering, National Tsing Hua Univ. (NTHU) Polymer; nucleon, DNA Email: hslchen@mx.nthu.edu.tw
An-Chung Su 蘇安仲 Professor	Dept. of Chemical Engineering, National Tsing Hua Univ. (NTHU) Polymers, composite, colloidal solutions

	Email: acsu@mx.nthu.edu.tw
Tsang-Lang Lin 林滄浪 Professor	Dept. of Engineering and System Science, National Tsing Hua Univ. (NTHU) Lipid micelle, DNA; colloidal solutions Email: tlin@mx.nthu.edu.tw
Hsiao-Ching Yang 楊小青 Professor	Chemistry Dept., Fu Jen Catholic Univ. Email: hcyang_chem@mail.fju.edu.tw
Hsi-Mei Lai 賴喜美 Professor	Dept. of Agricultural Chemistry, National Taiwan Univ. (NTU) Starch, food science Email: hmlai@ntu.edu.tw
Wei-Fang Su 林唯芳 Distinguished Professor	Dept. of Materials Science and Engineering, National Taiwan Univ. (NTU) Polymer, polymer solar cells Email: suwf@ntu.edu.tw
Shih-Huang Tung 童世煌 Professor	Institute of Polymer Science and Engineering, National Taiwan Univ. (NTU) Lipid micelle, polymers, colloidal solutions, gels Email: shtung@ntu.edu.tw
Jrjeng Ruan 阮至正 Professor	Dept. of Materials Science and Engineering, National Cheng Kung Univ. (NCKU) Polymers Email: jrjeng@mail.ncku.edu.tw
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Cheng-Si Tsao 曹正熙 Scientist	Institute of Nuclear Energy Research (INER) Metal and alloy, polymer solar cells, energy materials Email: cstsao@iner.gov.tw
Yeo-Wan Chiang 蔣酉旺 Professor	Dept. of Materials and Optoelectronic Science, National Sun Yat-Sen Univ. (NSYSU) Polymers and composites; photonic crystals Email: ywchiang@mail.nsysu.edu.tw

## More about Taiwan

### Bird-view Taiwan

<https://www.youtube.com/embed/RMEKGrrfdXM>

### Four Seasons in Taiwan

[https://www.youtube.com/embed/TZlt\\_zozH1M](https://www.youtube.com/embed/TZlt_zozH1M)

### The Tea Culture of Taiwan

<https://www.youtube.com/watch?v=ksrgvHruL6o>



**The XIX International  
Small Angle Scattering Conference**

## MEMO





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TAIPEI, TAIWAN